

## EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
S1	7	257/e31.078.ccls.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/08/22 19:20
S2	21	("20030214598"   "20040077121"   "20040132262"   "4521797"   "4527182"   "5084749"   "5235198"   "5250798"   "5371397"   "5424775"   "5432363"   "5510285"   "5525827"   "6171885"   "6194242"   "6274917"   "6395576"   "6407418"   "6504188"   "6809355"   "6965153").PN. OR ("7102185").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2007/08/22 19:35
S3	2	"5192990".pn.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/08/22 19:35
S4	37	("4574295"   "4811371").PN. OR ("5192990").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2007/08/22 19:36
S5	9	("4149307"   "4268951"   "4594604"   "4677453"   "4912545"   "5192990").PN. OR ("5981309").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2007/08/22 20:22
S6	1	("257"/\$.ccls. or "250"/\$.ccls. or "438"/\$.ccls.) and (ccd and (((off\$set or out\$set or displace\$1) adj contact) near3 (zone or area or point or hole or opening)))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/08/22 20:32
S7	7	("257"/\$.ccls. or "250"/\$.ccls. or "438"/\$.ccls.) and (ccd and (((off\$set or out\$set or displace\$1) near3 contact) near3 (zone or area or point or hole or opening)))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/08/22 20:36

## EAST Search History

S8	12	(ccd and (((offset or out\$set) near3 contact) near3 (zone or area or point or hole or opening))))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/08/22 20:38
S9	1054	438/60,75,98.ccls.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/08/22 22:04
S10	325	S9 and ccd	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/08/22 20:39
S11	26	S10 and (contact same diode)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/08/22 20:40
S12	7	("4859624"   "5202282"   "5246875"   "5422285"   "5567632").PN. OR ("5679597"). URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2007/08/22 20:57
S13	13	("4590093"   "4679301"   "4746622"   "4766089"   "4804438"   "4968646").PN. OR ("5202282").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2007/08/22 20:59
S14	9	("4348428"   "4544423"   "4581249"   "4654226").PN. OR ("4772565").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2007/08/22 21:15
S15	33243	diode and ((cmos adj imager) or ccd)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/08/22 21:16

## EAST Search History

S16	159	S15 and (poly\$silicon adj (electrode or contact))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/08/22 21:20
S17	0	S16 and (off\$set adj contact)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/08/22 21:19
S18	35	S16 and (off\$set near3contact)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/08/22 21:19
S19	0	S16 and (off\$set near3 contact)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/08/22 21:19
S20	2	S16 and (off\$set same contact)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/08/22 21:19
S21	287	438/60.ccls.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/08/22 22:34
S22	437	438/144.ccls.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/08/22 22:35

## EAST Search History

S23	0	S22 and (diode same (reduce\$2 near3 size))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/08/22 22:36
S24	327	ccd and (diode same (reduce\$2 near3 size))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/08/22 22:36
S25	6052	(poly\$silicon adj (layer or film)) same ((oxid\$4 or isolation) adj (portion or region or area))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/08/23 12:56
S26	549	S25 and diode	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/08/23 12:42
S27	27	S26 and ccd	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/08/23 12:42
S28	24597	((poly\$silicon adj (layer or film)) and nitride and (oxidation or oxidized or oxidizing))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/08/23 12:59
S29	8380	((poly\$silicon adj (layer or film)) and nitride and (oxidation or oxidized or oxidizing)) same (portion or pattern or zone or area)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/08/23 13:00

## EAST Search History

S30	734	S29 and diode	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/08/23 13:00
S31	41	S30 and ccd	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/08/23 13:44
S32	467	poly\$silicon adj oxidized	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/08/23 13:45
S33	62	S32 and diode	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/08/23 13:45
S34	548	438/237,431,432.ccls.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/08/23 20:12
S35	62	("4269631"   "4292091"   "4319954"   "4375993"   "4377031"   "4377902"   "4381201"   "4409724").PN. OR ("4609407").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2007/08/23 21:45
S36	5	"6168964"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/08/23 22:29

## EAST Search History

S37	271	(("3631292") or ("3699543") or ("3805126") or ("4262258") or ("4271435") or ("4443064") or ("4468639") or ("4499654") or ("4502203") or ("4772565") or ("4785191") or ("4826300") or ("4826777") or ("4862237") or ("4897757") or ("4939369") or ("5225696") or ("5227810") or ("5285098") or ("5324968") or ("5387804") or ("5424565") or ("5500522") or ("5512750") or ("5517031") or ("5663577") or ("5739851") or ("5846850") or ("5854500") or ("5859450") or ("5936265") or ("5959340") or ("6034407") or ("6037609") or ("6049105") or ("6107619") or ("6127203") or ("6191459") or ("6211520") or ("6211520") or ("6225212") or ("6225212") or ("6307815") or ("6359291") or ("6392254") or ("6465861") or ("6914314") or ("3560784") or ("3569801") or ("3571919") or ("3576478") or ("3577044") or ("3621346") or ("3624463") or ("3632436") or ("3653120") or ("3667008") or ("3675319") or ("3711753") or ("3716425") or ("3719535") or ("3722079") or ("3728590") or ("3750268") or ("3753807") or ("3755012") or ("3769104") or ("3775191") or ("3777364") or ("3791882") or ("3792319") or ("3796928") or ("3798752") or ("3813584") or ("3819431") or ("3825997") or ("3826926") or ("3836409") or ("3837071") or ("3837935") or ("3841926") or ("3847687") or ("3849270") or ("3853634") or ("3859717") or ("3862858") or ("3864817") or ("3865652") or ("3869786") or ("3873203") or ("3881242") or ("3883372") or ("3885993") or ("3892606") or ("3895390") or ("3897282") or ("3900345")).PN.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/08/23 22:30
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## EAST Search History

S38	35	("3203840"   "3275910"   "3309245"   "3342650"   "3372067"   "3460007"   "3560278").PN. OR ("3719535").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2007/08/23 22:54
S39	3	("20030102432" "20070184653").did.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/08/23 22:54
S40	96	BLANCHARD-PIERRE.inv.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/08/24 12:58
S41	5	ATMEL-GRENOBLE.asn.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/08/24 15:42
S42	2	"5192990".pn.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/08/24 15:42